



TECHNICAL DATA SHEET

LITE GEAR OIL (LGO)

LITE GEAR OIL is a high performance synthetic, advanced technology formulation, motorcycle gearbox oil designed for use where 10W-30 or 75W-85 viscosity is required.

LITE GEAR OIL is an ideal choice for modern compact high power, high load multi speed gearbox applications.

FEATURES

- Designed to reduce friction and protect over a wide temperature range
- Delivers maximum anti wear protection
- Excellent thermal stability
- Superior resistance to oxidation
- Passes crucial clutch friction test required to meet the JASO MA2 specification, allowing safe, predictable use in wet clutch applications

PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS:

API	GL-4
JASO	MA2/MA

TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
Density @ 15°C	ASTM D4052	g/cm ³	0.8589
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	74.42
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	12.10
Viscosity Index	ASTM D2270	-	159
CCS Viscosity (@ 25°C)	ASTM D5293	mPa.s	5200
HT/HS Viscosity @ 150°C	ASTM D5481	mPa.s	3.7
Total Base Number (TBN)	ASTM D2896	mgKOH/g	8.0
Flash Point (COC)	ASTM D92	°C	240
Pour Point	ASTM D97	°C	-36°C
NOACK Volatility @ 250°C	ASTM D5800B	% mass	11.0
KO Shear Stability (30 cycles):			
After Shear Viscosity @100°C	ASTM D6278	mm ² /s	11.0
Shear Stability Index (SSI)	ASTM D6278	%	9.1
Foaming Tendency:			
Seq. I/II/III (24°C/93.5°C/24°C)	ASTM D892	mL	0-0/0-0/0-0
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	02100

This data sheet and the information it contains is believed to be accurate as of the date of creation. Please email technical@rockoil.co.uk or telephone +44 (0) 1925 636191 if you require any further information.